Brief Description of the Drawings

Figure 1 shows a map of the EHV-1 genome with the position of five cosmid DNA inserts that restore a viable virus after cotransfection and recombination between their overlapping sequences. Deletions in the IE gene promoter were introduced into a 8 kb SpeI fragment of the IRs that was re-assembled with a 21 kb SpeI and used as such to replace cosmid 2D9 in the cotransfection experiment.

Figure 2 shows a schematic layout of the promoter region of the IE gene in the IRs from EHV-1. Various sequence elements that may regulate transcription initiation are indicated. Below are shown the deletions that were introduced and the mutants that were generated by incorporating these deletions into the viral genome after co-transfection with the set of overlapping cosmid DNA inserts. Strain EHV24 was restored in a similar manner but contained no deletions in the promoter region.

```
line 17, after "invention" please insert -- , --;
line 25, after "promoter" and "TATA-box" please insert
- , --;
line 25, delete "at";
line 26, after "start" please insert -- , -- and
line 29, after "promoters" please insert -- , --.
```

Detailed Description of the Invention

```
Page 4, line 1, delete "is" and insert -- /are --;
line 3, after "invention" please insert /-- , /-;
line 12, after "gene" please insert -- , --;
line 20, delete "for" and insert -- to --
line 29, after "EHV-1" please insert -- , --; and
line 32, delete "effecting" and insert -- affecting
```

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Page 5, line 2, after "shows" please insert -- an --;
           line 5, after "alternative" please insert -- , --;
           line 8, delete "the virus abilit/y of" and insert
viral --:
           line 11, delete "on" and insert -- one
           line 18, delete "micro-organism" and insert
microorganism --;
           line 25, after "alternative" please insert --
and
           line 26, after "site" please delete ",".
   Page 6, line 25, after "desired" please insert -- , --; and
           line 27, after "molecules" please insert --
   Page 7, line 2, after "invention" please insert --/,
           line 6, after "example" please insert -- , --;
           line 11, delete "is" and insert -- are --;
           line 11, after "selected" please insert -- , --;
           line 12, after "example" please insert -- ,/--;
           line 13, after "culture" please/insert --/,
           line 13, delete "mutant contai/ning" and insert --
mutant-containing --;
           line 16, after "case" please insert -- , --; azd
           line 19, delete "to" and insert -- into --.
   Page 8, line 4, delete "sequence," and insert -- molecule
           line 7, after "is" and "example" insert -/,
           line 13, delete "sequence" and insert -- molecule
           line 15, delete "sequence" and insert -- molecule
           line 15, delete "in" and insert -- into --;
           line 18, after "addition" please insert -- , --;
           line 20, delete "furthermore" and insert -- further
           line 25, after "EHV" please insert -- ,
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line 28, after "vaccine" please insert -- , --; and
           line 29, after "example" please insert --
   Page 9, line 4, after "general" please insert -- , --;
           line 7, after "given" and "alia" please insert
;
           line 9, after "as" please insert -- , --;
           line 10, after "example" please insert -- , -
           line 11, after "addition" please insert -- / --;
           line 14, after "include" and "to" please insert /-
-;
           line 16, after "o/w)," please insert - and --;
           line 18, after "are" and "example" please insert
--;
           line 26, delete "administration," and insert --
administration and --; and
           line 27, after "administration" insert --
   Page 10, line 3, after "be" and "example" insert --
            line 4, after "thereof" please insert --/,
            line 13, after "as" and "example" insert --
           please delete lines/16 - 27.
   Page 11, line 22, delete / manufacturers and insert --
manufacturer's --;
            line 26, after "cosmids" please insert/--
            line 26, delete "only now" and insert/ -- except that
            line 27, after "NotI," insert -- and --
            line 28, after "inserts" please insert -- were
            line 29, after "cosmids" please insert --
            line 30, after "polymerase" please insert
and
            line 31, after "precipitation" please/insert -
```

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